




UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
401 M Street, S.W.  
WASHINGTON, D.C. 20460

Form Approved OMB No. 2070-0060

**Paperwork Reduction Act Notice:** The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date 4/1/2015	EPA Reg No./File Symbol	Page 1 of 4			
Applicant's/Registrant's Name & Address Ag NuBio Inc., 11125 N. Ambassador Drive, Ste. 120 Kansas City MO 64153	Product Chitosan Technical				
Ingredient Chitosan Technical (PC Code 128930)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.6302	Color		Ag NuBio	Submitted	
830.6303	Physical State		Ag NuBio	Submitted	
830.6304	Odor		Ag NuBio	Submitted	
830.6313	Stability	44292301	Glycogenesys Inc	OLD	
830.6314	Oxidation/Reduction: Chemical incompatibility		Ag NuBio	Submitted	
830.6315	Flammability		Ag NuBio	Submitted	
830.6316	Explosibility		Ag NuBio	Submitted	
830.6317	Storage Stability	46248901	VA & G Bioscience	PAY	
830.6319	Miscibility		Ag NuBio	Submitted	
830.6320	Corrosion Characteristics	46248901	VA & G Bioscience	PAY	
830.6321	Dielectric Breakdown Voltage		Ag NuBio	Submitted	
830.7000	pH		Ag NuBio	Submitted	
830.7050	UV / Visible		Ag NuBio	Submitted	
830.7100	Viscosity		Ag NuBio	Submitted	
830.7200	Melting Range		Ag NuBio	Submitted	
Signature 	Name and Title Dr. Matthew Brooks, Regulatory Consultant			Date 4/1/2015	



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
401 M Street, S.W.  
WASHINGTON, D.C. 20460


Form Approved OMB No. 2070-0060

**Paperwork Reduction Act Notice:** The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date 4/1/2015	EPA Reg No./File Symbol	Page 1 of 4
Applicant's/Registrant's Name & Address Ag NuBio Inc., 11125 N. Ambassador Drive, Ste. 120 Kansas City MO 64153	Product Chitosan Technical	

Ingredient Chitosan Technical (PC Code 128930)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Ag NuBio	Submitted	
			Ag NuBio	Submitted	
			Ag NuBio	Submitted	
			Glycogenesys Inc	OLD	
			Ag NuBio	Submitted	
			Ag NuBio	Submitted	
			Ag NuBio	Submitted	
			VA & G Bioscience	PAY	
			Ag NuBio	Submitted	
			VA & G Bioscience	PAY	
			Ag NuBio	Submitted	
			Ag NuBio	Submitted	
			Ag NuBio	Submitted	
			Ag NuBio	Submitted	
			Ag NuBio	Submitted	

Signature 	Name and Title Dr. Matthew Brooks, Regulatory Consultant	Date 4/1/2015
--	---	------------------



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
401 M Street, S.W.  
WASHINGTON, D.C. 20460

Form Approved OMB No. 2070-0060

**Paperwork Reduction Act Notice:** The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date 4/1/2015	EPA Reg No./File Symbol	Page 2 of 4
Applicant's/Registrant's Name & Address Ag NuBio 11125 N. Ambassador Drive, Ste 120 Kansas City, MO 64153	Product Chitosan Technical	

Ingredient Chitosan (PC Code 128930)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.7220	Boiling Range		Ag NuBio	Submitted	
830.7300	Bulk Density / Specific Gravity		Ag NuBio	Submitted	
830.7520	Particle Size / Distribution		Ag NuBio	Submitted	
830.7550	Partition Coefficient		Ag NuBio	Submitted	
830.7840	Water Solubility		Ag NuBio	Submitted	
830.7950	Vapor Pressure		Ag NuBio	Submitted	
880.1200	Description of Formulation Process		Ag NuBio	Submitted	
880.1400	Discussion of Impurities		Ag NuBio	Submitted	
830.1700	Preliminary Analysis		Ag NuBio	Submitted	
830.1750	Certified Limits		Ag NuBio	Submitted	
830.1800	Enforcement Analytical Method		Ag Nu	PAY	
880.1100	Product Identity and Composition		Ag NuBio	Submitted	
880.1200	Description of Materials Used to Produce the Product		Ag NuBio	Submitted	
880.1200	Description of Production Process		Ag NuBio	Submitted	

Signature 	Name and Title Dr. Matthew Brooks, Regulatory Consultant	Date 4/1/2015
--	---	------------------



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
401 M Street, S.W.  
WASHINGTON, D.C. 20460


Form Approved OMB No. 2070-0060

**Paperwork Reduction Act Notice:** The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date 4/1/2015	EPA Reg No./File Symbol	Page 2 of 4
Applicant's/Registrant's Name & Address Ag NuBio 11125 N. Ambassador Drive, Ste 120 Kansas City, MO 64153	Product Chitosan Technical	

Ingredient Chitosan (PC Code 128930)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Ag NuBio	Submitted	
			Ag NuBio	Submitted	
			Ag NuBio	Submitted	
			Ag NuBio	Submitted	
			Ag NuBio	Submitted	
			Ag NuBio	Submitted	
			Ag NuBio	Submitted	
			Ag NuBio	Submitted	
			Ag NuBio	Submitted	
			Ag NuBio	Submitted	
			Ag Nu	PAY	
			Ag NuBio	Submitted	
			Ag NuBio	Submitted	
			Ag NuBio	Submitted	

Signature 	Name and Title Dr. Matthew Brooks, Regulatory Consultant	Date 4/1/2015
--	---	------------------



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
401 M Street, S.W.  
WASHINGTON, D.C. 20460

Form Approved OMB No. 2070-0060

**Paperwork Reduction Act Notice:** The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date 4/1/2015	EPA Reg No./File Symbol	Page 3 of 4
Applicant's/Registrant's Name & Address Ag NuBio 11125 N. Ambassador Drive, Ste 120 Kansas City, MO 64153	Product Chitosan Technical	

Ingredient Chitosan (PC Code 128930)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
870.1100	Acute Oral Toxicity -Rat		Ag NuBio	Submitted	
870.1200	Acute Dermal toxicity		Ag NuBio	Submitted	
870.1300	Acute inhalation toxicity- Rat		Ag NuBio	Submitted	
870.2400	Primary Eye Irritation- Rabbit		Ag NuBio	Submitted	
870.2500	Primary dermal Irritation		Ag NuBio	Submitted	
870.2600	Dermal Sensitization		Ag NuBio	Submitted	
	Hypersensitivity Events	44185814	Glycogenesys	OLD	
870.3100	90-Oral	47279603	Agrihouse Brands	PAY	
870.3250	90-Day Dermal Rat	47279603	Agrihouse Brands	PAY	
870.3700	Prenatal Development toxicity - rat	47362201	Agrihouse Brands	PAY	
870.3465	90 Day Inhalation-Rat	47362201	Agrihouse Brands	PAY	
880.3550	Immunotoxicity	47362201	Agrihouse Brands	PAY	
870.5100	Bacterial reverse mutation assay	46790203	IR-4	PAY	
870.5300	In vitro mammalian cell assay	46790203	IR-4	PAY	
870.5375	In vitro mammalian cell assay	46790203	IR-4	PAY	

Signature

Name and Title

Dr. Matthew Brooks, Regulatory Consultant

Date

4/1/2015



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
401 M Street, S.W.  
WASHINGTON, D.C. 20460

Form Approved OMB No. 2070-0060

**Paperwork Reduction Act Notice:** The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date 4/1/2015		EPA Reg No./File Symbol		Page 3 of 4	
Applicant's/Registrant's Name & Address Ag NuBio 11125 N. Ambassador Drive, Ste 120 Kansas City, MO 64153		Product Chitosan Technical			
Ingredient Chitosan (PC Code 128930)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Ag NuBio	Submitted	
			Ag NuBio	Submitted	
			Ag NuBio	Submitted	
			Ag NuBio	Submitted	
			Ag NuBio	Submitted	
			Ag NuBio	Submitted	
			Glycogenesys	OLD	
			Agrihouse Brands	PAY	
			Agrihouse Brands	PAY	
			Agrihouse Brands	PAY	
			Agrihouse Brands	PAY	
			Agrihouse Brands	PAY	
			IR-4	PAY	
			IR-4	PAY	
			IR-4	PAY	
Signature 			Name and Title Dr. Matthew Brooks, Regulatory Consultant		Date 4/1/2015




UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
401 M Street, S.W.  
WASHINGTON, D.C. 20460

Form Approved OMB No. 2070-0060

**Paperwork Reduction Act Notice:** The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date 4/1/2015	EPA Reg No./File Symbol	Page 4 of 4			
Applicant's/Registrant's Name & Address Ag NuBio 11125 N. Ambassador Drive, Ste 120 Kansas City, MO 64153	Product Chitosan Technical				
Ingredient Chitosan (PC Code 128930)					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
850.2100	Avian oral toxicity	47362201	Agrihouse Brands	PAY	
850.2200	Avian dietary toxicity	47362201	Agrihouse Brands	PAY	
850.1075	Freshwater fish acute toxicity	46790205	IR-4	PAY	
850.1010	Acute toxicity freshwater invertebrates (daphnia)	46790205	IR-4	PAY	
850.4100	Seedling Emergence	46790205	IR-4	PAY	
850.4150	Vegetative Vigor (algal)	46790205	IR-4	PAY	
850.4350	Nontarget Insect	46790205	IR-4	PAY	
850.3020	HoneyBee Acute Testing	46790205	IR-4	PAY	
Signature 			Name and Title Dr. Matthew Brooks, Regulatory Consultant		Date 4/1/2015



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
401 M Street, S.W.  
WASHINGTON, D.C. 20460


Form Approved OMB No. 2070-0060

**Paperwork Reduction Act Notice:** The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instructions and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address.

DATA MATRIX

Date 4/1/2015	EPA Reg No./File Symbol	Page 4 of 4
Applicant's/Registrant's Name & Address Ag NuBio 11125 N. Ambassador Drive, Ste 120 Kansas City, MO 64153	Product Chitosan Technical	

Ingredient Chitosan (PC Code 128930)

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
					
			Agrihouse Brands	PAY	
			Agrihouse Brands	PAY	
			IR-4	PAY	
			IR-4	PAY	
			IR-4	PAY	
			IR-4	PAY	
			IR-4	PAY	
			IR-4	PAY	

Signature 	Name and Title Dr. Matthew Brooks, Regulatory Consultant	Date 4/1/2015
--	---	------------------